



# Weekly Crop & Weather Roundup



Cooperating with the Pennsylvania Department of Agriculture

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Week Ending June 17, 2007

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**Excellent week for Field Work:** Hot and dry temperatures are here to stay. Many counties in Pennsylvania received some rain throughout the week. These showers did give some relief to many dry fields. The progress of the crops across the state is looking good. Overall, 6 days were suitable for field work and principal farm activities included completing tillage work, spraying corn and oats, rotating pastures, spring plowing, fixing fences, cutting hay, and planting corn, potatoes, pumpkins, soybeans, vegetables and oats.

## PA Topsoil Moisture for Week Ending June 17, 2007

Very Short	Short	Adequate	Surplus
Percent	Percent	Percent	Percent
33	40	27	0

**Crops:** Pennsylvania's corn crop is now 93 percent emerged, which is 6 percentage points ahead of the 5-year average. Corn height is now 19 inches, which is 3 percentage points ahead of this time last year and 4 points ahead of the 5-year average. Conditions are showing that 70 percent of the corn crop is in good or excellent condition. Ninety-four percent of the state's soybeans have been planted. This is 10 percentage points higher than the 5-year average and 2 points above this time last year. Sixty-eight percent of the soybeans are in good or excellent condition. Seventy-seven percent of the planted soybeans have now emerged. Forty-eight percent of the emerged oats have now reached the heading stage. This is 2 points ahead of this time last year and 10 points ahead the 5-year average. Forty-six percent of the oats are in good or excellent condition. Seventy-eight percent of the winter wheat is in good or excellent condition, this is 2 percentage points higher than the previous week. Forty-five percent of the headed wheat is now turning yellow. This is 24 points behind this time last year and 3 points ahead of the five year average. Eighty-eight percent of the headed barley is now turning yellow. This is 6 points behind this time last year and 2 points ahead of the 5-year average. Ninety-two percent of the tobacco crop has been transplanted. Sixty-eight percent of the alfalfa standing is in good or excellent condition. Sixty-seven percent of timothy hay standing is in good or excellent condition. Seventy-eight percent of the hay made was in good or excellent condition as 93 percent of the first cutting and 13 percent of the second cutting of alfalfa have been completed. Seventy-two percent of the first cutting of Timothy hay has also been completed.

**Livestock:** The temperatures last week were high, and many of the pastures were dry. While pasture conditions aren't as good as they could be, they've been consistent. Most farmers are pleased with the growth they've gotten over the past few weeks. Overall pasture conditions were reported as follows: very poor 9%, poor 25%, fair 29%, good 33%, and excellent 4%.

**U.S. as of June 10, 2007:** Cooler conditions and scattered showers proved beneficial for pastures and summer crops in the Pacific Northwest and the northern Intermountain region. The Southwest remains extremely dry, increasing irrigation demands and deteriorating pastures and non-irrigated crops. On June 10, California's pastures and rangeland was rated 95 percent very poor to poor. Meanwhile, on the central and southern Great Plains, favorable weather promoted fieldwork activities, however, wet conditions still remained a concern for crop development. Farther east, in the central and eastern Corn Belt, recent hot and dry conditions are gradually hampering the development of summer crops. Elsewhere, hot, dry weather prevailed in the Southeast, particularly in Alabama, northwestern Georgia, and into Kentucky, where limited rainfall was received from Tropical Storm Barry. However the storm did provide beneficial rainfall in much of the southern Atlantic region, aiding the development of summer crops and pastures.

**Corn:** Ninety-nine percent of the crop was at or beyond emergence, 2 points ahead of last year and 4 points ahead of the 5-year average. Emergence was at or near 100 percent in most areas. Progress was at or ahead of normal in all States, except Colorado, where emergence trailed the normal pace by 3 points. Nationwide, crop condition remained virtually unchanged.

**Soybeans:** Growers had planted 94 percent of their intended acreage, 1 point ahead of last year and 5 points ahead of normal. Seeding progressed 19 points under favorable conditions during the week in Kansas, however, planting was still behind last year and the normal pace. Emergence had begun on 84 percent of the acreage, compared with 82 percent last year and 75 percent for the 5-year average.

**Winter Wheat:** Heading advanced to 94 percent, the same as last year but 3 points ahead of the normal pace. Progress was at or near complete in all areas except the Northern Rockies, where rapid progress was made during the week. Heading in Montana advanced 39 points during the week, to 43 percent complete, 17 points ahead of the 5-year average. Five percent of the acreage had been harvested, behind last year and the normal pace. Harvest was most advanced in Arkansas, at 55 percent complete, followed by Oklahoma and California, at 25 and 24 percent complete, respectively.

**Small Grains:** Barley was 4 percent headed, the same as last year and the 5-year average. In Washington, 38 percent of the crop had entered the heading stage. Elsewhere, heading had just begun in the other major producing States, except Montana. Thirty-eight percent of the oat crop was at or beyond the heading stage, 3 points behind last year but the same as the 5-year average. Heading advanced most in the Corn Belt, where Nebraska advanced 28 points, Iowa advanced 20 points, and Ohio advanced 17 points during the week. Heading had just begun in Minnesota and North Dakota.

# Weather Data For Week Ending June 17, 2007

Station	Last Week Weather Summary						April 1 - June 17, 2007					
	Temperature				Precipitation		Precipitation			GDD Base 50F		Base 40F
	High	Low	Average	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
<b>Northwest</b>												
Erie	83	52	68	3	0.00	0	5.14	-3.87	25	688	163	1,298
Franklin	88	47	67	2	0.00	0	8.20	-1.71	32	697	188	1,329
Meadville	86	51	67	4	0.28	2	5.51	-4.12	34	711	260	1,330
Mercer	89	46	66	1	0.07	2	8.26	-1.49	33	686	171	1,310
Springboro	86	44	66	-1	0.17	2	7.43	-1.13	42	588	47	1,181
Warren	84	45	65	0	0.18	1	8.29	-2.01	32	587	98	1,194
<b>North Central</b>												
Bradford Region	80	41	61	2	0.00	0	7.17	-3.13	37	474	147	1,027
Emporium	84	48	66	5	0.32	2	11.21	0.78	34	616	240	1,238
Kane	82	41	63	3	0.00	0	8.94	-1.57	34	449	128	1,005
Laporte	86	48	65	1	0.55	4	8.35	-1.57	37	534	24	1,115
Lock Haven	88	51	68	3	0.15	1	6.80	-2.63	26	753	191	1,387
Port Allegany	82	45	63	2	0.00	0	8.09	-1.78	33	496	104	1,065
Renovo	87	52	68	2	0.25	1	8.47	-0.96	28	742	180	1,375
Ridgway	84	47	65	3	0.25	1	9.73	-0.70	35	508	132	1,102
Stevenson Dam	85	50	66	5	0.00	0	7.34	-3.09	29	647	271	1,266
Towanda	85	47	66	1	0.35	3	5.84	-2.57	34	575	52	1,162
Wellsboro	85	45	64	4	0.29	2	8.60	0.60	30	501	161	1,065
Williamsport	92	51	70	3	0.21	3	5.40	-4.13	30	846	193	1,504
<b>Northeast</b>												
Hawley	83	47	66	3	0.23	5	7.91	-1.70	30	561	155	1,159
Wilkes-Barre/Sc	87	50	68	1	0.53	2	7.19	-1.67	28	747	148	1,384
Susquehanna	84	49	66	4	0.35	1	8.55	-1.45	32	572	192	1,168
<b>West Central</b>												
Butler	87	49	67	1	0.00	0	6.53	-3.26	29	700	154	1,330
New Castle	90	47	67	2	0.09	2	6.63	-2.16	29	754	210	1,395
Slippery Rock	90	48	67	4	0.64	1	9.39	-0.01	32	756	268	1,392
<b>Central</b>												
Altoona/Blair	84	48	65	-3	1.25	2	7.00	-2.08	28	774	157	1,406
DuBois	84	48	66	1	0.02	2	8.99	-1.09	36	675	172	1,294
Lewistown	86	50	67	-2	0.75	3	8.72	-0.81	28	790	98	1,434
Middletown	88	53	71	0	1.85	2	6.59	-3.16	22	991	199	1,660
Prince Gallitzi	84	48	65	2	0.64	2	7.68	-3.73	30	593	142	1,198
Selinsgrove	90	50	69	2	0.46	2	7.11	-2.52	26	743	124	1,378
State College	85	51	67	-1	0.66	2	7.35	-1.49	29	814	214	1,452
<b>East Central</b>												
Allentown-Bethel	86	50	67	-3	1.01	4	10.19	0.33	28	835	131	1,485
Lehighton	89	51	68	-1	1.40	5	9.22	-0.64	33	737	66	1,375
Matamoras	84	49	66	-2	0.56	4	9.62	-0.82	29	623	38	1,245
Mt_Pocono	78	47	63	2	0.84	5	9.47	-1.52	35	580	246	1,170
<b>Southwest</b>												
Pittsburgh/Alle	87	53	68	2	0.16	1	6.84	-2.73	29	956	336	1,614
Derry	83	49	65	-2	0.51	2	10.33	0.86	26	719	159	1,349
Myersdale	80	44	61	-5	0.35	2	6.90	-3.56	31	497	-48	1,082
Mount Pleasant	83	47	64	-1	0.70	2	8.43	-2.51	33	703	227	1,344
Pittsburgh Intl	88	54	69	1	0.06	1	6.99	-1.79	28	897	235	1,550
Connellsville	87	51	67	-2	0.42	3	7.64	-2.74	33	845	156	1,498
Waynesburg	84	49	66	-1	0.46	2	6.20	-3.36	30	757	165	1,403
<b>South Central</b>												
Biglerville	87	48	68	-3	0.80	2	7.36	-1.80	23	882	94	1,544
Everett	83	47	63	-4	0.85	3	7.65	-1.17	28	591	-1	1,213
Hanover	87	52	68	-3	0.77	2	7.32	-1.84	21	849	61	1,502
Harrisburg_AP	89	51	70	-2	0.46	2	4.00	-5.75	18	947	148	1,619
South Mountain	83	43	64	-4	0.61	3	9.11	0.03	26	667	57	1,291
York	86	49	67	-4	1.01	2	7.90	-1.85	26	831	34	1,491
<b>Southeast</b>												
Green Lane	85	53	68	0	0.26	3	11.26	1.67	30	847	189	1,498
Hamburg	87	52	69	3	0.39	4	11.93	0.49	28	892	320	1,549
West_Chester	87	51	68	-3	0.16	2	12.79	2.23	22	815	40	1,462
Lancaster	88	52	69	-1	0.32	2	7.94	-1.60	21	880	172	1,539
Neshaminy Falls	84	54	67	-3	3.66	4	18.32	7.63	29	767	65	1,404
New Holland	86	52	69	-2	0.87	3	8.87	-0.67	23	921	213	1,573
Philadelphia	86	57	70	-2	0.81	2	14.21	4.79	20	1,037	182	1,719
Philadelphia NE	86	56	70	-3	1.26	2	15.07	5.65	25	1,014	159	1,696
Reading	85	52	69	0	1.90	3	10.07	-0.60	27	926	246	1,588
Valley Forge Na	85	54	68	-4	0.88	5	12.38	2.44	31	841	7	1,500
Willow Grove	84	54	68	-2	1.03	5	13.27	2.58	31	901	199	1,558

DFN = Departure from normal (using 1961-90 normals period).

Precipitation (rainfall or melted snow or ice) and pan evaporation in inches.

Precipitation days = days with precipitation of .01 inch or more.

Air temperatures in degrees fahrenheit.

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# Internet Reporters' Comments, By County:

Reporters are from Extension Service (Ext), Natural Resources Conservation Service (NRCS), Farm Service Agency (FSA), Conservation District (CD), farmers, commodity specialists, or other knowledgeable individuals.

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**ADAMS COUNTY, Judy A Behney** - Adams County was mostly hot and humid this week. Today, (Friday), is only day the temperatures dropped into the 70's. Tuesday and Wednesday of this week thunderstorms rolled through the area during the early evening hours. Most everyone got at least a tenth of an inch with others getting 1 inch in either storm. We are still dry and could use some nice steady rainfall.

Corn is about done being planted and most of it has emerged now. Soybean are mostly done but some will be double-cropped after barley and wheat. Barley is being harvested with an average crop. Wheat is ripening and turning yellow quickly. Wheat harvest will be early this year with recent weather conditions in the county. The oats are growing. Hay continues to be made but it's short. 2nd cutting alfalfa has been started this week.

Apples and peaches continue to look good. Other fruit crops continue to also look good. Pumpkins are being planted and sweet corn has been planted and now looking better with recent moisture.

Overall Adams County's crops are looking good, considering the rainfalls have been very sporadic in the county. Most of the county is still dry and needs moisture.

**ADAMS COUNTY, Thomas Kerr** - Hot weather has returned and some areas received some beneficial rain. Overall corn and beans are looking good for the season. Barley harvest has begun on the early varieties, but late evening showers held up the start for most folks. Wheat is turning. Crops on slate ground showing stress of the dry conditions.

Sweet cherries began mid week and tart cherries are not far behind. Other fruit is looking good. Strawberries are finishing up.

**BUCKS COUNTY, Michael Fournier** - Timely showers have kept the crops growing. Many grass fields just now being cut for hay, resulting in low quality. Corn planting nearly complete, as is soybeans. Some bean stands are spotty due to dry planting conditions earlier. Overall condition of beans won't be determined until post-emergent weed control is applied. Wheat turning yellow and in fairly good condition - some leaf diseases evident.

**CAMBRIA COUNTY, Dolly Little** - It has been another dry week. Summer rain showers came, but they always seemed to be in the west, south and north of the county. While a few areas received an inch of rain most of the county only saw a couple of tenths. The hay quality is suffering. There are many oats fields that are in head but are only 6-10 inches tall.

**CENTRE COUNTY, Dick Decker** - This was another good field work week. We only received .3 inches of rain. We need a good soaking rain.

**CLINTON COUNTY, Judy Bergenstock** - Conditions up to this point have been okay; however, we now need rain or they will deteriorate quickly.

**DAUPHIN COUNTY, Paul H. Craig** - Widespread rain storms finally arrived mid week bringing 0.75 to 1.25 inches of rain to parts of Upper Dauphin County. Crops responded with corn initiating the rapid growth period and beans finally moving from 1 tri-foliolate to starting to canopy over. Unfortunately soils have already depleted most of this moisture and producers are looking for more.

Earliest planted corn is at the 7 to 8 leaf stage and looks good. Soybeans are struggling and groundhogs are playing havoc along roadsides and field edges. Barley harvest is slow in starting as grain is still slightly above harvest moistures. Wheat crop looks excellent but it's not in the bin yet. Potato leafhoppers are widespread with second cutting of alfalfa ready to start. Pastures are short and suffering from heat and limited moistures.

**FAYETTE COUNTY, Don Fretts** - Very dry, only spotty showers since April.

**FOREST COUNTY, Thomas Tanner** - The spring planted crops need water. The dew and splash of rain last Wednesday helps. Many acres of hay harvested. The quality is good. There will be very little second cutting because of moisture.

**LANCASTER COUNTY, Axel Linde** - Barley harvest moving along nicely. Yields for grain and straw are good. Some corn fields are showing signs of drought while others have sufficient moisture. Lots of good second cutting alfalfa being made. Some corn fields are really clean while others have a concern with small and large weeds.

**LANCASTER, Burell Whitworth Jr** - Rain came Tuesday night and helped some of the conventional tilled corn which had started to show signs of stress. All crops could use the rain but driving around there was a difference between conventional corn and no-tilled corn. Second cutting of alfalfa looked good but, lots of fields had wheel tracks from spraying for potato leaf hopper. Where irrigation was available farmers were irrigating potatoes especially. Some corn received injury from side dressing. Farmers were busy harvesting small grain and planting double crops of corn and soybeans and making grass hay.

**MONTGOMERY COUNTY, Andrew Frankenfield** - There were lots of clouds last week but little rain. Only 1/4" in most areas of the county. Just a little hay made early in the week and late in the week. Pumpkin growers were busy planting. Crops still look very good, this week could stress them if it doesn't rain Tuesday/Wednesday. Some post corn and bean spraying occurred this week. Soybean planting is mostly complete.

**SNYDER COUNTY, William C. Sheaffer** - Showers at the beginning of the week, slowed the field activities and improved the condition of the crops. The second cutting of alfalfa is looking very good. The barley is ripe and ready to be harvested, and the wheat is beginning to ripen. The rain improved the condition of the oats as it came into full head. The soybean stands are very poor to very good. Hopefully, the recent rainfall will be helpful. The corn is showing remarkable growth and very healthy. The main activities for the week were haymaking, spraying herbicides, and spreading fertilizer.

**TIOGA COUNTY, Pamela Barnes** - We are very dry here. Last of the corn is planted. Second crop of hay is at a stand still. Need Rain!!

**WASHINGTON COUNTY, Chuck Shrump** - Producers in the county are report that the corn plants are "spotty" in the conventional tillage. No-till corn seems to be in better shape. Also I am hearing reports of the first cutting hay not producing the customary yield. One producer related that the percentage of alfalfa in his hay crop was much lower that he had anticipated on his better fields.

**WESTMORELAND COUNTY, John Lohr** - Good hay-making weather continued this week. Most areas got some much-needed rain on Tuesday and Wednesday. Corn and soybeans responded to the moisture this week. Corn side-dressing is in full swing.

**PA Crop Progress for Week Ending June 17, 2007**

Crop	Current Week	Last Year	5-Year Average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn, emerged	93	92	87
Corn average height, inches	19	16	15
Barley, turning yellow	88	94	86
Barley, ripe	38	52	41
Wheat, turning yellow	45	69	42
Oats, heading or headed	48	46	38
Soybeans, planted	94	92	84
Soybeans, emerged	77	68	67
Tobacco, transplanted	92	94	80
Alfalfa, 1st cutting	93	86	74
Alfalfa, 2nd cutting	13	11	6
Timothy clover, 1st cutting	72	57	43

**PA Crop Condition for Week Ending June 17, 2007**

Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	1	5	24	52	18
Wheat	1	4	17	54	24
Oats	1	22	31	33	13
Soybeans	1	7	24	49	19
Alfalfa and alfalfa mixtures stand	0	7	25	54	14
Timothy clover stand	0	5	28	57	10
Quality of hay made	0	3	19	49	29
Pasture	9	25	29	33	4
Peaches	0	0	2	54	44
Apples	0	0	1	51	48

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